Innovation for Our Energy Future



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the **National Renewable Energy Laboratory and** the U.S. Department of Energy. Each seminar is held at NREL's **Washington office with** a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



How Far Energy Efficiency?

A "brown bag" analytical seminar series

John A. "Skip" Laitner, Senior Economist U.S. Environmental Protection Agency (EPA)

Thursday, July 14, 2005

Noon – 1 p.m. (in Washington, D.C.)

10 – 11 a.m. (videoconference in Golden, Colo.)

Analysts agree there is a need for developing both new and cleaner energy resources. At the same time, some argue that energy efficiency can provide only a minimal role in meeting future energy needs. As a result, energy supply is encouraged while energy efficiency is supported only minimally. Skip Laitner, with the Environmental Protection Agency (EPA), will explore the assumptions that underpin such "practical limits" and show how efficiency gains could perhaps more than double the rate suggested by recent studies. His presentation will discuss recent work on industrial innovation, often involving public-private partnerships,



John A. "Skip" Laitner

and provide a context to understanding the role of innovation. The presentation also will highlight a number of emerging technologies that may foster an even greater level of future energy savings than might be apparent from looking only at current energy-use patterns. Laitner also will give examples of the integration between efficiency and renewables.

John A. "Skip" Laitner is the senior economist for technology policy for the U.S. Environmental Protection Agency (EPA) Office of Atmospheric Programs, a position he has held since 1996. In that capacity, he was awarded EPA's 1998 Gold Medal for his work with a team of other EPA economists to evaluate the impact of different strategies that might assist in the implementation of greenhouse gas emissions reduction policies. Author of more than 150 reports, journal articles, and book chapters, Laitner has more than 30 years of involvement in the environmental and energy policy arenas. He has a master's degree in resource economics from Antioch University in Yellow Springs, Ohio.

Golden, Colo., information

1617 Cole Blvd., Golden, Colorado Building 15, Conference Room 375

Please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

Please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278

If you are interested in participating in the seminar via conference call, please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278 for instructions.

